

Data Science/Analytics

15. Mars

Pia Rønnevik, Customer Success Manager, FANS Norway



The Agenda

- **Informasjon fra FANS**
- **13.10 - 13.40 Data Preparation for Data Science – Ingredients for a successful Machine Learning Model**
- **13.40 - 14.10 Forecasting – UCM**
- **14.20 - 15.20 Vil strømprisene være like høye i 2023?**
- **15.30 - 16.00 Decision Analytics in SAS - Solving Optimization Problems Using the OPTMODEL Procedure**

FANS Network Meeting & Platform Overview – 1. half year 2023

18/1	FANS Application development - Oslo	Hybrid	12.30 – 16.30
1/2	FANS Transition to Viya 4	Virtual	13.30 – 14.30
8/2	FANS Visual Analytics - Oslo	Hybrid	13.00 – 16.00
9/2	FANS Platform - Oslo	Hybrid	13.00 – 16.00
15/2	FANS SAS Platform Overview - Oslo	Hybrid	13.00 – 16.00
14/3	FANS SAS Viya and Microsoft Azure Kubernetes	Hybrid	13.00 – 16.00
15/3	FANS Data Science/Analytics - Oslo	Hybrid	13.00 – 16.00
16/3	FANS Programming - Oslo	Hybrid	13.00 – 16.00
25/4	FANS An introduction to Customer Intelligence	Virtual	10.00 – 11.00
25/4	FANS Customer Intelligence - Oslo	Hybrid	13.00 – 15.00
3/5	FANS Artificial Intelligence - Oslo	In-person	13.00 – 16.00
4/5	FANS Cross Topics - Stavanger	In-person	13.00 – 16.00
10/5	FANS Cross Topics - Trondheim	In-person	13.00 – 16.00
11/5	FANS Cross Topics - Tromsø	In-person	13.00 – 16.00
24/5	FANS SAS Platform Overview - Oslo	Hybrid	13.00 – 16.00
7/6	FANS Sommeravslutning - Oslo	In-person	13.00 – 17.00

Outpace Tomorrow

TODAY

30. March

Create a better tomorrow TODAY, by learning from an assemble of SAS® users



- 10.30-11.00: Everyone's an Analyst – driving value through data democratization, ved [Nikolai C. Perminow](#) fra Telenor.
- 11.00-11.30: SAS Viya with Singlestore - the SAS vision and early experiences from the Norwegian Post, ved Frode Kaliussen fra Posten/Bring og [Jonas Lie-Nielsen](#) fra SAS.
- 13.00-13.45: Lunsj
- 14.00 – 14.30: Produktlønnsomhet; hvordan og hvorfor – SAS CPM i Telenor, ved [Jarl Fellinghaug](#) i Telenor.
- 14.30-15.00: Hvordan sikre at nord-norske pasienter får innfridd sine pasientrettigheter? , ved Trine Storjord fra Universitetssykehuset Nord Norge.
- 15.30-16.00: How can ChatGPT & OpenAI's models help your SAS projects, ved [Emilie Lundblad](#) fra Amesto NextBridge.
- 16.00-16.30: Den analytiske livssyklusen på SAS Viya 3.5 med Norgesgruppen, ved [Steinar Helstrup](#) fra Norgesgruppen.
- 16.30-17.00: Møt SAS eksperter + demo'er.
- 17.00-20.00: Mingling med mat og drikke

After the expert sessions there will be food and drinks at our office.

SAS EXPLORER

SAS EXPLORE

SEPTEMBER 11-14 // LAS VEGAS



SAVE THE DATE FOR SAS EXPLORE 2023

https://explore.sas.com/event/33f11b50-88c8-4525-ad70-86a5b527d441/summary?RefId=PLN7889_1155499813

What is Cortex?

www.sas.com/cortex

- Online Analytics Simulation Game
- Each game includes case study, dataset, leaderboard, tutorials, SAS software and SAS Instructor time
- Available game scenarios:
 - Fundraising
 - Customer Retention
 - Credit Risk

Why play Cortex?



Connect remote employees



Advance machine learning skills



Flexible and digital education model

“ Cortex is an excellent way of getting people to use our analytics platform and fits altogether with our data democracy initiative. ”

- **Head of Analytics**
Telia (Finland)

Game Timeline

Kick-off	Apr. 17, 15.00-16.00
Office Hours: Principles of Supervised Learning Methods: Round 1	Apr. 19, 15.00-16.00
Office Hours: Advanced Supervised Learning Methods: Round 2	Apr. 20, 15.00-16.00
Office Hours: Open Q&A	Apr. 24, 15.00-16.00
Office Hours: Open Q&A	Apr. 26, 15.00-16.00
Competition Ends	Apr. 27
Feedback Session and Open Discussion	Apr. 28, 13.00-14.00

Advanced SAS Administration

Advanced Administration Tasks webinar we cover backup strategies and logging for your SAS environment.

TUTORIAL

38:36

Advanced SAS Administration

Top 10 Platform Administration Tasks

Technical Insights and Expertise series

- Top 10 tasks for SAS Platform Administrators to keep your system running smoothly
- Checklist Paper: <http://bit.ly/checklistofsasplatformadmintasks>

TUTORIAL

8:13

Top 10 Platform Administration Tasks

What's SAS Grid Computing?

TUTORIAL

What Is SAS Grid Computing?

Installing and Configuring a SAS 9 Metadata Server

Part 1: Installing the Primary Metadata Server
 Part 2: Installing the Primary Metadata Server
 Part 3: Configuring the Primary Metadata Server
 Part 4: Installing and Configuring Metadata Server Nodes

TUTORIAL

26:29

Installing and Configuring a SAS 9 Metadata Server

SAS Environment Manager

System Availability: a 30,000 ft. view

INSIGHTS

10:51

SAS Environment Manager - SAS System Availability: A 30,000 ft. View

Making the most out of your Dashboard Using the SAS Environment Manager

Part 1 - Example Dashboard

INSIGHTS

Making the most out of your Dashboard Using the SAS Environment Manager Part 1 - Example Dashboard

Considerations for Transitioning from PC to Server

AGENDA

- Why deploy SAS on a server?
- How do PC SAS and server SAS operations differ?
- Key points to remember when working on a server
- Key considerations when transitioning from PC to server
- What you can do next

TUTORIAL

35:08

Considerations for Transitioning from PC to Server

Making the most out of your Dashboard Using the SAS Environment Manager

Part 2 - Example Dashboard

INSIGHTS

Making the most out of your Dashboard Using the SAS Environment Manager Part 2 - Example Dashboard

How To Tutorials

How To Tutorials

- SAS Add-In for Microsoft Office
- Administration & Architecture
- Advanced Analytics
- SAS Analytics U
- Customer Intelligence
- Data Management
- SAS Enterprise Guide
- SAS Enterprise Miner
- Fraud and Security Intelligence
- SAS Life Science Analytics Framework
- SAS Office Analytics
- Programming
- Risk Management
- SAS Studio
- SAS Visual Analytics
- SAS Visual Data Mining and Machine Learning
- SAS Visual Statistics
- SAS Viya

<https://video.sas.com/category/videos/how-to-tutorials>

Choose your SAS Journey

Personalised free expert knowledge.

Choose now

Data Scientist Fast Track

Are you an aspiring Data Scientist? Do you want to know more about how you can apply your skills to SAS technologies?

From the fundamentals of the Data Scientist role to advanced Machine Learning, we'll take you on a journey on what you need to know to succeed as a SAS Data Scientist.

1. The role of a Data Scientist
2. Developing the skills you need
3. Modern Feature Engineering in SAS
4. Advanced Statistical Techniques in SAS
5. Machine Learning in SAS
6. Using Open Source with SAS
7. Advanced AI & Text Analytics with SAS
8. Advanced Machine Learning with SAS

SAS can do things you never thought possible. Are you ready to find out how? Then you're ready to Choose Your SAS Journey.

Our experts have designed a set of knowledge journeys containing the best **SAS advice, techniques** and **best practices** for your specific needs. No jargon - just expert advice for curious minds. And always delivered in bite-sized chunks.

It's been structured in a series of **easy-to-follow steps**, taking you on a clear path to doing great things with SAS - delivered regularly in your inbox.

<https://www.sas.com/sas/offers/choose-your-sas-journey.html>

DATA SCIENCE CLASS
WITH GERHARD SVOLBA

SAS TIPS & TRICKS 1
USING DATA FROM A LOOKUP TABLE

SAS

Data Preparation for Data Science


SAS Software D-A-CH
13 videos • 834 views • Last updated on Feb 2, 2022


Play all Shuffle


Data Science methods have specific requirements on analysis data. Occurrences of missing values have to be investigated and handled, the distribution of the values need to be checked, and a sufficient amount of analysis objects is needed. Data Science methods also require certain data structures like the one-row-per-subject structure or the timeseries dataset. In return these methods however also enhance the data preparation work and can also be used to verify and improve data quality and allow you to perform powerful feature engineering.


"Data Preparation" and "Data Quality" are therefore much more than just joining tables and checking the possible list of values. Data Preparation for Data Science is a discipline to create and quality check the analytic base tables and to derive the relevant features that shall be used in the analysis.


This playlist contains illustrates this important topic with case studies and examples and focuses on the following three main topics:


- 


SAS Tips & Tricks 1 - Using Data from a Lookup Table
SAS Software D-A-CH • 702 views • 11 months ago
- 


Conceptual Considerations (1) when Preparing/Assembling Data
SAS Software D-A-CH • 289 views • 1 year ago
- 


Feature Engineering 2 – Accordance to Predefined Pattern
SAS Software D-A-CH • 130 views • 1 year ago
- 

Feature Engineering 1 - Using Correlation Analysis to Describe Behavior over Time
SAS Software D-A-CH • 246 views • 1 year ago
- 

Analyzing GPS Data from a Sailrace Using SAS Visual Analytics
SAS Software D-A-CH • 255 views • 1 year ago
- 

Verifying Data Quality Using Interactive Data Analysis of GPS-Data of a Sail Race
SAS Software D-A-CH • 360 views • 1 year ago
- 

Quantifying the Effect of Different Lengths of Data History in Time Series Forecasting
SAS Software D-A-CH • 372 views • 1 year ago
- 

Detecting Systematic Missing Values in Cross-Sectional Data
SAS Software D-A-CH • 194 views • 1 year ago
- 

Quantifying the Effect of Missing Values on Model Accuracy in Supervised Machine Learning Models
SAS Software D-A-CH • 259 views • 1 year ago

https://www.youtube.com/playlist?list=PLdMxv2SumIKsqedLBq0t_a2_6d7jZ6Akq

Kom i gang med SAS!

2 timers gratis hands-on “frokostsesjoner” for nye SAS-brukere

I Parkveien eller virtuelt (Teams) - utvalgte tirsdager 09:00-11:00

«Det var et bra kurs
med mye info»

«Enig med min kollega
her, tusen takk for veldig
nyttig kurs»

Fra en som har deltatt på fire sesjoner:

«Jeg likte alle sesjonene»

- Kom i gang med SAS Base Programmering , 17 JAN
- Kom i gang med SAS Enterprise Guide – menystyrt , 7 FEB
- Kom i gang med SAS SQL-Programmering , 21 FEB
- Kom i gang med SAS Visual Analytics , 28 FEB
- Kom i gang med SAS Base Programmering , 07 MAR
- Kom i gang med SAS Model Studio , 21 MAR
- Kom i gang med SAS Visual Analytics , 18 APR
- Kom i gang med SAS Enterprise Guide – menystyrt , 09 MAY
- Kom i gang med SAS SAS Studio for Viya - menystyrt, 23 MAY
- Kom i gang med SAS Base Programmering , 13 JUN
- Kom i gang med SAS Visual Analytics , 20 JUN

Har du en kollega som skal
begynne å bruke SAS?

Da kan du dele [link](#) for
oversikt og påmelding for de
neste sesjonene!

Trenger du kurs?

Se utvalget av [e-læringskurs](#) og [web-kurs med instruktør](#)